Date: Tue, 19 Jul 94 04:30:32 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #196
To: Ham-Space

Ham-Space Digest Tue, 19 Jul 94 Volume 94 : Issue 196

Today's Topics:

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

Date: 18 Jul 1994 17:46:44 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Antenna questions
To: ham-space@ucsd.edu

I installed Az/El rotors on a tripod on my roof this weekend. Next, I plan to
buy some M2 antennas: 14 el. CP yagi for VHF
30 el. CP yagi for UHF

I must use the short VHF antenna because I have light-duty rotors, and a long
boom would bump into tree branches and an exhaust vent.

Can anyone answer the following questions?

1. Is it (mechanically) easy to build a phasing/relay assembly for RH/LH
polarity switching on the M2 antennas?

2. Is the M2 crossboom really 10 ft. long when assembled?

3. Would a 7 ft. crossboom be long enough for VHF and UHF yagis on each end, and a future 2x3 ft. dish in the middle? (i.e. without undesired interaction between the antennas)

4. Would a preamp at the VHF yagi feedpoint distort the pattern of the antenna? Or should I mount the preamp on the mast?

5. Do some preamp models switch fast enough (PIN diodes maybe?) to allow me to transmit "through" the preamp without a timing circuit that bypasses the preamp before keying the transmitter? If so, do these preamps require a PTT line routed up to the preamp, or do they detect the RF?

Please respond to wayne@csg.mot.com, or to the newsgroup. Thanks in advance.

73 de WD5FFH (Wayne Estes, Mundelein, IL)

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Wayne A. Estes
Motorola Asia-Pacific Cellular Subscriber Division
600 N. U.S. Hwy. 45, Rm. A-S345
Libertyville, IL 60048-1286
PHONE: 1-708-523-2386   Z-MAIL: wayne@csg.mot.com
FAX: 1-708-523-8795   POST: w10191@email.mot.com

Date: Mon, 18 Jul 1994 18:32:38 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLS027 SAREX Apollo 11 event
To: ham-space@ucsd.edu

SB SPACE @ ARL $ARLS027
ARLS027 SAREX Apollo 11 event

ZCZC AS71
QST de W1AW
Space Bulletin 027 ARLS027

Date: Mon, 18 Jul 1994 18:34:00 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLS028 SAREX airshow contact
To: ham-space@ucsd.edu

SB SPACE @ ARL $ARLS028
ARLS028 SAREX airshow contact

ZCZC AS72
QST de W1AW
Space Bulletin 028 ARLS028

Date: Mon, 18 Jul 1994 17:32:50 GMT
From: spsgate!mogate!newsgate!hofbrau.sps.mot.com!user@uunet.uu.net
Subject: Portable 9600 buad PacSat Station Design
To: ham-space@ucsd.edu

In article <n7ryw.23.001735AB@teleport.com>, n7ryw@teleport.com (William
Roth) wrote:

> Avoid a Mac like the plague for anything related to Amateur Radio.

This is a really stupid thing to say...typical bias from a "PC" clone...
Terry Stader posts a list every month to this newsgroup listing amateur
radio software available for the Mac. There is lots of software available
and a lot more on the way.

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* Chris Terwilliger, AA7WD   a229aa@email.sps.mot.com *
* Motorola   AA7WD@N7MRP.AZ.USA.NA *
* Phoenix Corporate Research Labs   those who forget the past *
* 2100 E. Elliot Rd. EL508   are condemned to repeat it *
* Tempe, AZ 85284   - George Santayana *

Date: 18 Jul 1994 19:00:28 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!spool.mu.edu!torn!newshost.uwo.ca!
gateway!mail@network.ucsd.edu
Subject: Smartlevel
To: ham-space@ucsd.edu

While at Dayton this year I picked up a Smartelevel (microprocessor
controlled level) that can communicate with a computer to give elevation
information for tracking purposes (you mount it on the antenna strcuture).

The problem is that when I bought it, I was told that the information I
need to interface to it and the communication protocal was commonly
available on most Ham radio BBS's. I haven't been able to find anything.

Does anyone out there know what it is I'm refferring to and can
point in the direction of the info I need to talk to this thing ?

Thanks in advance.

Leo

Date: Mon, 18 Jul 1994 22:34:55 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!cs.utexas.edu!convex!news.duke.edu!
zombie.ncsc.mil!blackbird.afit.af.mil!tkelso@network.ucsd.edu
Subject: Two-Line Orbital Element Set: Space Shuttle
To: ham-space@ucsd.edu

The most current orbital elements from the NORAD two-line element sets are
carried on the Celestial BBS, (513) *253-9767*, and are updated daily (when
possible). Documentation and tracking software are also available on this
system. As a service to the satellite user community, the most current
elements for the current shuttle mission are provided below. The Celestial
BBS may be accessed 24 hours/day at 300, 1200, 2400, 4800, or 9600 bps using
8 data bits, 1 stop bit, no parity.

Element sets (also updated daily), shuttle elements, and some documentation
and software are also available via anonymous ftp from archive.afit.af.mil
(129.92.1.66) in the directory pub/space.

STS 65
1 23173U 94039A   94199.05208333 .00002061 00000-0 46339-5 0   346
2 23173 28.4701 297.7530 0003541 49.7661 65.8230 15.91047481 1497
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Dr TS Kelso   Assistant Professor of Space Operations
tkelso@afit.af.mil   Air Force Institute of Technology

Date: 18 Jul 94 11:14:06 -0500
From: ihnp4.ucsd.edu!swrinde!emory!nntp.msstate.edu!nntp.memphis.edu!
ieeelib@network.ucsd.edu
Subject: Wanted NASA Courtsey Tone Info
To: ham-space@ucsd.edu

Hi,
I am one of the control operators of the w4bs repeater system in Memphis,TN.
We are looking for the frequency and duration of the NASA courtesy tones.

We would like to change the courtesy tones of our repeaters to remember the
25th Anniversary of the first man on moon.

If anybody has info on these tones please send me a e-mail msg.

Thanks in advance,

Suresh N9GSA

___ ___ _____   Suresh Kagoo, Network Engineer, HealthSphere of America Inc.
| |__| | / ____\   / \ 5135 Covington Way #4| Domain: IEEELIB@MSUVX1.MEMPHIS.EDU
| __ | ____ \ / - \   Memphis, TN 38134 | AMPR : n9gsa@gate.n9gsa.ampr.org
|_| |_| _____/ /_/ _\   1-800-532-3107 | AX.25 : N9GSA@W4BS.#WESTN.TN.USA

Date: (null)
From: (null)

Date: (null)
From: (null)

End of Ham-Space Digest V94 #196
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